

NORA PhD symposium

25. – 26. February 2020

Tøyen hovedgård



NORA

Norwegian Artificial
Intelligence Research
Consortium



UiO
University of Oslo

OSLOMET



simula



NORCE

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Program

Tuesday, February 25th 2020



11:00-12:00 Registration and lunch



12:00-12:30 Klas H. Pettersen, CEO of NORA

Welcome and introduction to NORA and NORA's research school.



12:30-13:00 Michael Riegler, SimulaMet

PhD and Machine Learning: Experiences and Lessons Learned from PhD Students Working on Machine Learning Related Topics



13:00-13:30 Hans Ekkehard Plesser, NMBU

AI at the Norwegian University of Life Sciences: Data Science for a Sustainable Future



13:30-14:15 Robert Jenssen, UiT

New advances in deep learning for industrial computer vision for monitoring power lines

14:15-14:30 Coffee break



14:30-15:00 Valeriya Naumova, SimulaMet

DeCipher: Data-driven Framework for Personalised Cancer Screening



15:00-15:30 Simon Wolfgang Funke, Simula research laboratory AS

SciML – Scientific Computing & Machine Learning



15:30-16:00 Arneir Berge, NORCE

RE-AIMED: Readjusted responses by use of AI in medical calls

16:00-16:30 Coffee break



16:30-17:00 Stefano Nichele, OsloMet

Novel models and substrates for the emergence of intelligence

Program

Tuesday, February 25th 2020 (cont.)



17:00-17:30 Anders Malthe-Sørensen, UiO
Bio-inspired neural networks for AI applications



17:30-18:00 Vinay Jayarama Setty, UiS
Fake news detection using Deep Neural Networks

18:00-19:00 Informal dinner



19:30- Tonje Hessen Schei, director of movie: iHuman movie
Screening of iHuman movie, Cinemateket

Program

Wednesday, February 26th 2020

08:30-09:00 Coffee/mingling



09:00-09:30 Christian Walter Peter Omlin, UiA
Explainable AI: The Past, The Present, and the Future



09:30-10:00 Nello Blaser, UiB
Detecting topological structures in data



10:30-11:00 Leon Moonen, Simula research laboratory
History-Based Recommendations to Guide Software Evolution



11:00-11:20 Ivan Dragicevic, NORA
Researcher career – where and how to find funding

11:20-12:00 Discussion: How can NORA build a world leading PhD community within artificial intelligence? Coffee will be served

12:00-13:00 Lunch

UPNORTH FILM PRESENTS
A FILM BY TONJE HESSEN SCHEI

i HUMAN

FIRST WE CREATE THE TECHNOLOGY,
THEN IT RECREATES US.

iHuman is a political thriller about Artificial Intelligence, power and social control. The film follows pioneers at the frontlines of the AI revolution and investigates the consequences of how AI is developed and implemented by the new tech super powers. How does the corporate and military control of AI impact us, our society and our future? What algorithms are we governed by? Through some of the brightest minds in the AI industry iHuman draws the roadmap to where we are going. Who punches in what codes for our future? How does AI impact who we are?

Ilya Sutskever is the Head of Research at Open AI, a new company started by Elon Musk, to create AI for the common good. Jürgen Schmidhuber is called the father of artificial intelligence as he invented neural networks that revolutionized the development of AI. We follow the two leading computer scientists as they work towards creating Super Intelligence at some of the top AI labs in the world. iHuman puts the character-driven stories in perspective by thematic sequences that feature some of the leading minds in the AI field today, including Max Tegmark, Kara Swisher, Michal Kosinski, Stuart Russel, Ben Wizner, Hao Li, Ben Goertzel, Philip Alston and tech whistleblowers.

Watch the movie, Tuesday 25th February 19:30 at Cinemateket